

Title (en)

Apparatus for printing a textile web

Title (de)

Vorrichtung zum Drucken einer Textilbahn

Title (fr)

Appareil pour imprimer une bande de textile

Publication

EP 1591258 B1 20061227 (EN)

Application

EP 04076275 A 20040429

Priority

EP 04076275 A 20040429

Abstract (en)

[origin: EP1591258A1] An apparatus for printing a web of textile (2) comprises: an endless conveyor belt (6) which is guided over a driven roller (4) and a reversing roller (5) and which is driven at a chosen constant speed; and printing means (16) for printing the passing textile web (2) in the zone of the upper active part (9) of the conveyor belt (6) in a number of colours in accordance with an adjustable pattern for selecting; and is characterized in that the printing means (16) comprise a number of frame beams (17-24) extending in transverse direction above said upper active part (9) at determined mutual longitudinal distances along the direction of transport, each of which frame beams (17-24) carries an array of inkjet heads and each of which is immobile during operation relative to the plane defined by the upper active part (9); control means are present which fulfil at least the following functions of: storing a chosen printing pattern by means of inputting pattern information; energizing the inkjet heads such that each head sprays droplets of ink of the relevant colour onto the web at the positions on the web determined by the control means.

IPC 8 full level

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Cited by

NL2002534C2; CN107839351A; CN104589799A; CN107053834A; JP2014500410A; JP2019119160A; US12043046B2; WO2009102208A1; WO2017007327A1; US10189245B2; EP2643159B1; EP2643159B2

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